C1 Cont on March 24, 1994, now abandoned, which is a continuation of application Serial No. 07/933,472 filed on August 21, 1992, now abandoned.

Please delete the paragraph at page 9, lines 21-22, and replace it with the following paragraph:

C2 Figures 1A-C is a scheme illustrating a homologous recombination process naturally occurring in cells.

Please delete the paragraphs at page 9, line 34 to page 10, line 4, and replace it with the following paragraphs:

C3 Figures 6A-6B are an autoradiographic analysis of CFTR DNA from CF cells transfected with 491 nucleotide DNA fragments in the dendrimer-DNA complex.

Figures 7A-7B are allele-specific PCR analysis using primers CF7B/CF6(N) or CF8B/CF6(ΔF).

Figures 8 A-8B are allele specific PCR analysis of CFPAC-1 cells transfected with rec A coated and uncoated 491 base fragments.

Please delete the paragraph at page 11, lines 36-37, and replace it with the following paragraph:

C4 Figures 30A-B show a new genomic DNA sequence of human CFTR gene exon 10 and flanking intron regions (SEQ ID NO: 1).

Please delete the paragraph at page 27, line 25 to page 28, line 10, and replace it with the following paragraph:

C5 FIG. 3 shows diagrammatic representation of the generation of fragments 491 (N) and 488 (ΔF) that contain wtCFTR and Δ508 CFTR sequences, respectively. The fragments contain a second mutation in exon 10 (a G>C conversion at base pair 197 of the 491 bp fragment) that gives rise to an Xho I cut site. This mutation is in the third base of codon 11 (in exon 10) and does not change the amino acid determined by this codon. The M3 primer is a 21 base sense (+) oligonucleotide (5'-GATTATGGGAGAACTCGAGCC-3') (SEQ ID NO:84) that has been generated with the G>C